**1.02 In-Depth with Color**

**Directions**: For this activity, you will use the Internet to examine color in-depth. Go to <http://desktoppub.about.com/od/elements/l/aa_color.htm> and answer the questions listed below.

I. Read the introduction to color.

<http://desktoppub.about.com/od/elements/l/aa_color.htm>

II. Click on the link for Color Wheels

\<http://desktoppub.about.com/od/howcolorworks/ss/Color-Basics-Desktop-Publishing.htm>

1. What are the primary colors?

III. Enter the link below for RGB Color & CMYK

<http://desktoppub.about.com/od/howcolorworks/ss/Color-Basics-Desktop-Publishing_3.htm>

2. How are colors shown on the computer monitor?

3. The amount of red, green, or blue in a color is known as:

4. RGB colors are translated digitally as:

a. Hexadecimals

b. Percentages

IV. Visit the link below for CMYK Color to answer the following questions.

<http://desktoppub.about.com/od/howcolorworks/ss/Color-Basics-Desktop-Publishing_4.htm>

5. Which colors do CMYK represent?

6. CMYK colors are translated digitally as:

a. Hexadecimals

b. Percentages

V. Enter the link for Hue, tints, shades, saturation

<http://desktoppub.about.com/od/howcolorworks/ss/Color-Basics-Desktop-Publishing_7.htm>

7. In a color wheel, color is referred to as

a. Saturation

b. Shade

c. Tint

d. Hue

8. Complete the equation: Hue plus black equals \_\_\_\_\_\_\_\_\_\_\_

9. Complete the equations: Hue plus white equals \_\_\_\_\_\_\_\_\_\_

10. To lighten a hue, add:

a. White

b. Black

c. Shade

d. Tint

11. Light hues are called:

a. White

b. Black

c. Shade

d. Tint

VI. Enter the link for Fine-tuning Color Combinations

<http://desktoppub.about.com/od/howcolorworks/ss/Color-Basics-Desktop-Publishing_9.htm>

12. Describe how hues can be adjusted for a more positive effect.

13. How does paper selection affect color?

14. Which colors are calming?

15. Which colors are exciting?

16. Which colors are neutral?